

## ABSTRACT OF THE DISCLOSURE

A method of maintaining security of a BIOS included in a BIOS ROM of a computer system. The method of BIOS security of the computer system includes storing a check sum value calculated by byte-adding a user password and a product serial number of a BIOS ROM. The method further includes comparing the stored check sum value with a check sum value calculated by byte-adding an inputted password and the product serial number of the BIOS ROM. The method further includes enabling writing to the BIOS ROM when the stored check sum value and the calculated check sum value are equal. Thus, by adding a checking function to check the product serial number given by manufacturer and the director password given by a user, the BIOS ROM is effectively protected from an optional or malicious falsification, change, or removal action.